SEMIAUTOMATIC KEYSTONE CORRECTION SYSTEM AND METHOD

ABSTRACT

The invention relates to a semiautomatic keystone correction system and method.

5 The system includes an interface and a controller. A user selects a plurality of corners within an image projected on a projection surface using the interface and the controller predistorts the image responsive to the selected plurality of corners where the predistorted image exhibits no distortion when re projected on the projection surface. The user further aligns a center of the image with a center of the projection surface, also using the interface. The

10 controller predistorts the image by scaling the image in vertical and horizontal directions using vertical and horizontal scalars, respectively.